

LOGAN GENERATING COMPANY, LP  
SWEDESBORO, NEW JERSEY

**The Logan Generating Company, LP of Swedesboro, New Jersey** is part of the PG&E National Energy Group. The facility is a 225 MW pulverized coal cogeneration facility. Among the improvements at the Logan Generating Company facility, they were among the first pulverized coal plants to implement technology thus reducing their NOx emissions to among the lowest in their region. In addition, the facility controls its SO2 emissions through a sprayer-dryer system which eliminates 92% of emissions, has a zero discharge water treatment system, has an enclosed coal conveyor system, and is a cogeneration design. The facility is a member of the New Jersey's Silver Track program.

**AT A GLANCE:**

Industry Sector:	SIC 4911
Business:	Electric generation facility
Facility Employees:	50-99
Accomplishments:	Reduced material use Reduced total solid waste
Commitments:	Increased wildlife habitat Reduced sulfuric acid use Reduced caustic materials use Reduced total energy use
Address:	76 Route 130 Swedesboro, NJ 08085-9300
Web Site:	<a href="http://www.neg.pge.com">www.neg.pge.com</a>

## ENVIRONMENTAL PERFORMANCE

### *Past Accomplishments*

Logan Generating Company, LP has demonstrated its commitment to environmental performance through reduced materials use, and through reduced total solid waste. Since 1998, the facility has:

- **Reduced materials use** 66% by focusing on each part of the water treatment process to determine possible efficiencies, therefore reducing the need for water treatment chemicals.
- **Reduced total solid waste** 71% by reviewing the water treatment process to determine ways to reduce filter cake generated.

### *Future Commitments*

Logan Generating Company, LP is working to preserve habitats, reduce total materials used - both caustic and sulfuric acid, and reduce total energy use. By 2004, the facility will:

- **Increase wildlife habitats** 11 acres through a program with the Fish & Wildlife Service and the Partnership for the Delaware Estuary, which also partners the facility with area schools and Americorps workers.

- **Reduce total sulfuric acid used** by 10% by improving water treatment controls and water efficiency.
- **Reduce total caustic materials used** by 10% by improving water treatment controls and water efficiency.
- **Reduce total energy use** by 13,807 mmbtu through requiring each department to focus on the system process and determine ways to increase energy efficiency and upgrade outdated machinery.

## COMMUNITY OUTREACH

The facility has a Site Environmental Management Plan to respond to all incoming concerns. The facility also stays in contact with the community through community groups and through volunteering in area schools. Facility tours and public notices are another method by which the facility maintains contact. The Performance Track Annual Performance Report will be available through the facility web site at [www.neg.pge.com](http://www.neg.pge.com).